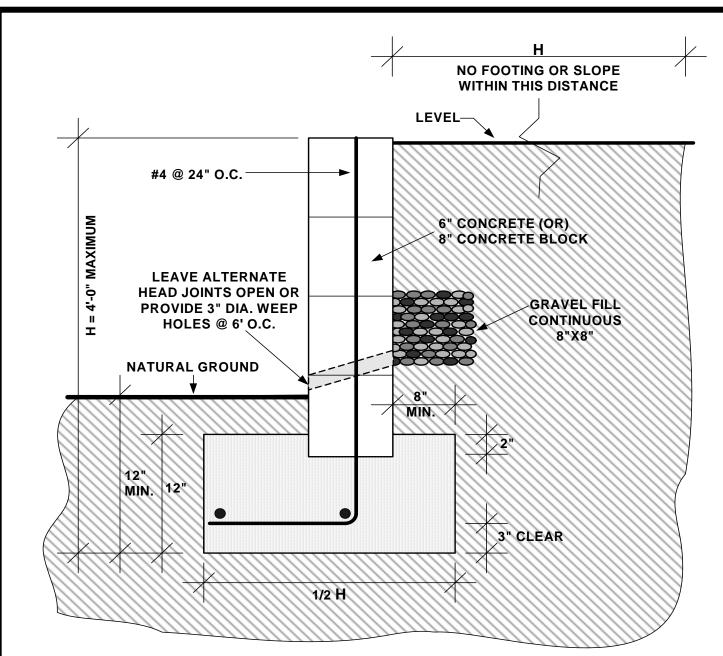
CITY OF LAKE FOREST

RETAINING WALL SECTION (< 4'-0" HIGH WITH NO SURCHARGE)

1 OF **1**



NOTE: This wall is designed for the average condition and may not be suitable in all cases. Where the proposed wall construction is extensive, a licensed civil or structural engineer should be consulted.

GENERAL SPECIFICATIONS:

- 1. All footings to be 12" into natural ground.
- 2. Concrete mix for footings and for concrete wall to be 1 part Portland cement, 2 parts sand, 3 parts 1"-rock with a maximum of 7 gallons of water per sack of cement.
- 3. Grout mix for concrete block wall to be 1 part Portland cement, to 3 parts sand to which may be added not more than 1/20 part lime. Sufficient water to be added to produce consistency for pouring without segregation of the constituents. Grout may contain pea gravel to a maximum size of 3/8".
- 4. Mortar mix for concrete blocks to be 1 part cement to ¼ lime putty or hydrated lime to 3½ parts damp loose sand.
- 5. Concrete block units to be standard 8"x8"x16" units conforming to U.B.C. Standard 21-6.
- 6. Reinforcing steel shall be deformed steel conforming to A.S.T.M. Specification 1-615, Grade 40 or Grade 60.
- 7. Concrete block units to be staggered (running bond).
- 8. Concrete block units to have vertical continuity of the cells unobstructed. All cells containing reinforcing to be filled solid with grout.
- 9. Obtain Planning Department's approval.